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PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

612.41120X00

First Inventor

DALMAZZONE, CHRISTINE

Title

METHOD AND DEVICE FOR EVALUATING DURING DRILLING  
THE CAPACITY OF WELL FLUIDS TO FORM HYDRATES

Express Mail Label No.

**APPLICATION ELEMENTS**

SEE MPEP chapter 600 concerning utility patent application contents.

**ADDRESS TO:**

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages: 17]  
(preferred arrangement set forth below)
- Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Pages: 3]
5. Oath or Declaration [Total Pages: 3]
- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
Named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☒ Assignment Papers (cover sheet & documents(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☒ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☒ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☒ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: **Figs. 1-2, 3A-3B, 4-5, Credit Card Payment Form**

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:

Prior application information: Examiner: \_\_\_\_\_ Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

☒ Customer Number or Bar Code Label

020457

or ☐ Correspondence address below

(Insert Customer No. or Attach bar code label here)

Name **ANTONELLI, TERRY, STOUT & KRAUS, LLP**

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State

Zip  
Code

Country

Telephone

(703) 312-6600

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(703) 312-6666

Name

Alan E. Schiavelli

Registration No. (Attorney/Agent)

32,087

Signature

Date

February 6, 2002

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

## Complete if Known

|                      |                       |
|----------------------|-----------------------|
| Application Number   |                       |
| Filing Date          | February 6, 2002      |
| First Named Inventor | DALMAZZONE, CHRISTINE |
| Examiner Name        |                       |
| Group Art Unit       |                       |
| Attorney Docket No.  | 612.41120X00          |

TOTAL AMOUNT OF PAYMENT (\$ 780.00)

## METHOD OF PAYMENT

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit overpayments to:  
Deposit Account Number 01-2135  
Deposit Account Name Antonelli, Terry, Stout & Kraus, LLP  
☒ Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17  
☐ Applicant Claims small entity status.  
See 37 CFR 1.27

2. ☒ Payment Enclosed:
☐ Check ☒ Credit Card ☐ Money Order ☐ Other

## FEE CALCULATION

## 2. BASIC FILING FEE

| Large<br>Fee<br>Code | Entity<br>Fee<br>(\$) | Small<br>Fee<br>Code | Entity<br>Fee<br>(\$) | Fee Description        | Fee Paid |
|----------------------|-----------------------|----------------------|-----------------------|------------------------|----------|
| 101                  | 740                   | 201                  | 370                   | Utility filing fee     | 740.00   |
| 106                  | 330                   | 206                  | 165                   | Design filing fee      |          |
| 107                  | 510                   | 207                  | 255                   | Plant filing fee       |          |
| 108                  | 740                   | 208                  | 370                   | Reissue filing fee     |          |
| 114                  | 160                   | 214                  | 80                    | Provisional filing fee |          |

SUBTOTAL (1) 740.00

## 1. EXTRA CLAIM FEES

|                     | Extra Claims | Fee from<br>below | Fee Paid |
|---------------------|--------------|-------------------|----------|
| Total Claims 7-20** | = 0          | x 18              | = 0      |
| Indep. Claims 1-3** | = 0          | x 84              | = 0      |
| Multiple Dependent  |              | 280               | = 0      |

| Large<br>Fee<br>Code | Entity<br>Fee<br>(\$) | Small<br>Fee<br>Code | Entity<br>Fee<br>(\$) | Fee Description  |
|----------------------|-----------------------|----------------------|-----------------------|--|
| 103                  | 18                    | 203                  | 9                     | Claims in excess of 20                                     |
| 102                  | 84                    | 202                  | 42                    | Independent claims in excess of 3                          |
| 104                  | 280                   | 204                  | 140                   | Multiple dependent claim, if not paid                      |
| 109                  | 84                    | 209                  | 42                    | ** Reissue independent claims over original patent         |
| 110                  | 18                    | 210                  | 9                     | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) \$ 0.00

\*\*or number previously paid, if greater; For Reissues, see above.

## FEE CALCULATION (continued)

| Fee<br>Code | Large<br>Entity<br>Fee<br>(\$) | Fee<br>Code | Small<br>Entity<br>Fee<br>(\$) | Fee Description  | Fee Paid |
|-------------|--------------------------------|-------------|--------------------------------|--|----------|
| 105         | 130                            | 205         | 65                             | Surcharge - late filing fee or oath  |          |
| 127         | 50                             | 227         | 25                             | Surcharge - late provisional filing fee or cover sheet                     |          |
| 139         | 130                            | 139         | 130                            | Non-English specification  |          |
| 147         | 2,520                          | 147         | 2,520                          | For filing a request for <i>ex parte</i> reexamination                     |          |
| 112         | 920*                           | 112         | 920*                           | Requesting publication of SIR prior to Examination action                  |          |
| 113         | 1,840*                         | 113         | 1,840*                         | Requesting publication of SIR after Examiner action                        |          |
| 115         | 110                            | 215         | 55                             | Extension for reply within first month                                     |          |
| 116         | 400                            | 216         | 200                            | Extension for reply within second month                                    |          |
| 117         | 920                            | 217         | 460                            | Extension for reply within third month                                     |          |
| 118         | 1,440                          | 218         | 720                            | Extension for reply within fourth month                                    |          |
| 128         | 1,960                          | 228         | 980                            | Extension for reply within fifth month                                     |          |
| 119         | 320                            | 219         | 160                            | Notice of Appeal   |          |
| 120         | 320                            | 220         | 160                            | Filing a brief in support of an appeal                                     |          |
| 121         | 280                            | 221         | 140                            | Request for oral hearing   |          |
| 138         | 1,510                          | 138         | 1,510                          | Petition to institute a public use proceeding                              |          |
| 140         | 110                            | 240         | 55                             | Petition to revive - unavoidable   |          |
| 141         | 1,280                          | 241         | 640                            | Petition to revive - unintentional   |          |
| 142         | 1,280                          | 242         | 640                            | Utility issue fee (or reissue)   |          |
| 143         | 460                            | 243         | 230                            | Design issue fee   |          |
| 144         | 620                            | 244         | 310                            | Plant issue fee  |          |
| 122         | 130                            | 122         | 130                            | Petitions to the Commissioner  |          |
| 123         | 50                             | 123         | 50                             | Processing fee under 37 CFR 1.17(q)  |          |
| 126         | 180                            | 126         | 180                            | Submission of Information Disclosure Stmt                                  |          |
| 581         | 40                             | 581         | 40                             | Recording each patent assignment per property (times number of properties) | 40.00    |
| 146         | 740                            | 246         | 370                            | For each additional invention to be examined (37 CFR § 1.129(a))           |          |
| 149         | 740                            | 249         | 370                            | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 179         | 740                            | 279         | 370                            | Request for Continued Examination (RCE)                                    |          |
| 169         | 900                            | 169         | 900                            | Request for expedited examination of a design application                  |          |

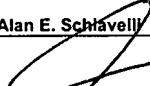
Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40.00)

## SUBMITTED BY

## Complete (if applicable)

|                   |   |                                      |        |           |                  |
|-------------------|---|--------------------------------------|--------|-----------|------------------|
| Name (Print/Type) | Alan E. Schiavelli  | Registration No.<br>(Attorney/Agent) | 32,087 | Telephone | 703-312-6600     |
| Signature         |  |                                      |        | Date      | February 6, 2002 |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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#20.12  
4-3/02  
612.41120X00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): DALMAZZONE, et al.

Serial No.: Not yet assigned

Filed: February 6, 2002

Title: METHOD AND DEVICE FOR EVALUATING DURING DRILLING  
THE CAPACITY OF WELL FLUIDS TO FORM HYDRATES

Group: Not yet assigned



LETTER CLAIMING RIGHT OF PRIORITY

Honorable Commissioner of  
Patents and Trademarks  
Washington, D.C. 20231

February 6, 2002

Sir:

Under the provisions of 35 USC 119 and 37 CFR 1.55, the applicant(s) hereby  
claim(s) the right of priority based on French Patent Application No.(s) 01/01.771, filed  
February 9, 2001.

A certified copy of said French Application is attached.

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS, LLP



Alan E. Schiavelli  
Registration No. 32,087

AES/alb  
Attachment  
(703) 312-6600